Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Pre-AP Biology: Unit 4, DBA #1 Review**

Ms. OK

**Objectives Assessed:** Topic 1 (Cellular Respiration) Learning Targets A-E

***Practice Questions:*** *Answer the following questions thoroughly and accurately in preparation for your Daily Biology Assessment.*

1. What is oxygen used for at the end of aerobic respiration?

2. What are the reactants and products of cellular respiration?

3. Why do your muscles feel sore after intense activity? (Relate your answer to fermentation.)

4. What is the overall goal of cell respiration?

5. How is a concentration gradient of H+ created during the electron transport chain? (Use the terms membrane protein, matrix, and intermembrane space in your answer.)

6. How is ATP created at the end of the electron transport chain? (Use the term ATP synthase in your answer.)

7. Would a cell that could not produce NADH be able to use the electron transport chain during cell respiration? Why or why not?